

In the Claims:

Claims 1-18 (Cancelled)

19. (Previously Added): An isolated polypeptide comprising a member selected from the group consisting of

- (a) ~~an amino acid sequence matching~~ SEQ ID NO:2;
- (b) an immunogenic ~~polypeptide comprising a fragment sequence of at least 15 amino acids that matches an aligned contiguous segment~~ of SEQ ID NO:2,
wherein the immunogenic fragment consists of 15 contiguous amino acids of SEQ ID NO:2;

wherein the isolated polypeptide, when administered to a subject in a suitable composition which can include an adjuvant, or a suitable carrier coupled to the polypeptide, induces an antibody or T-cell mediated immune response to a polypeptide ~~having~~ consisting of the sequence of SEQ ID NO:2.

20. (Cancelled)

21. (Previously Added): The isolated polypeptide of claim 19, wherein the polypeptide is according to (a).

Claims 22-23 (Cancelled)

24. (Previously Added): The isolated polypeptide of claim 19, wherein the polypeptide is according to (b).

25. (Cancelled)

26. (Previously Added): The isolated polypeptide of claim 19, wherein the immunogenic fragment of (b) comprises at least 20 amino acids.

27. (Previously Added): The isolated polypeptide of claim 19, wherein the isolated polypeptide consists of SEQ ID NO:2.

Claims 28-29 (Cancelled)

30. (Previously Added): A fusion protein comprising the isolated polypeptide of Claim 19.

Claims 31-34 (Cancelled)

35. (Currently Amended): An immunogenic composition ~~A vaccine~~ comprising the polypeptide of Claim 19 and a pharmaceutically acceptable carrier.

36. (Currently Amended): The immunogenic composition ~~vaccine~~ of Claim 35, wherein the immunogenic composition ~~vaccine~~ comprises at least one other *Neisseria meningitidis* antigen.

37. (Cancelled)

38. (Previously Added): A method for inducing an immune response in a mammal comprising administration of the polypeptide of Claim 19.

Claims 39-41 (Cancelled)

42. (Previously Added): The isolated polypeptide of claim 19, wherein the immune response recognizes an antigen having molecular weight of about 50 kDa (by SDS PAGE) in *Neisseria meningitidis* strains H44/76, M97 250687, BZ10, BZ198, EG328, NGP165, and ATCC 13090.